

[2]

Roll No.

Total Printed Pages - 3

F - 3972

B.C.A.(Part-III) Examination, 2022

Paper Fourth

(Old Course)

PROGRAMMING IN JAVA

(302)

Time : Three Hours]

[Maximum Marks:100

[Minimum Pass Marks:40]

Note: Attempt any two parts of each unit. All questions carry equal marks.

Unit - I

1. (a) WAP in java to print first n terms of the following series using do while loop 0,1,1,2,3,5,8,.....
- (b) What do you mean by wrapper class? Differentiate nested and inner class with example.

P.T.O.

- (c) Why is java called platform independent language? Explain the features of java.

Unit - II

2. (a) Explain the implementation of interface.
- (b) What is Package? Explain with example.
- (c) Differentiate final class and super class.

Unit - III

3. (a) Discuss exception handling with appropriate example.
- (b) Explain multithreading in java with example.
- (c) How can suspending, resuming and stopping a thread?

Unit - IV

4. (a) WAP in Java to create I/O stream to read and write content of disc file.
- (b) Write steps for JDBC connectivity with Oracle.

F - 3972

[3]

- (c) Explain predefined streams with suitable example.

Unit - V

- 5. (a) Explain life cycle of applet with example.
- (b) What are AWT Controls? Explain.
- (c) Write short note on the followings :
 - (i) Text field and Text Area.
 - (ii) HTMLAPPLET tag.